

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2811869
<b>Application Number:</b>	10789387
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4947
<b>Title of Invention:</b>	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
<b>First Named Inventor/Applicant Name:</b>	Lei Shao
<b>Customer Number:</b>	45209
<b>Filer:</b>	Paul Mendonsa/Michelle Evans
<b>Filer Authorized By:</b>	Paul Mendonsa
<b>Attorney Docket Number:</b>	042390.P16330
<b>Receipt Date:</b>	04-FEB-2008
<b>Filing Date:</b>	26-FEB-2004
<b>Time Stamp:</b>	18:30:28
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
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**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	42P16330_IDS_02-04-08.pdf	419037 416aeffab311112f3c71402273c8fb03009d5e3	no	3

**Warnings:****Information:**

This is not an USPTO supplied IDS fillable form

2	Foreign Reference	WO2004077734.pdf	1437262 0348a19c19c4c7c34c70c450c105e79d5c781fb01	no	34
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**Warnings:****Information:**

3	NPL Documents	P16330X_Boleskei.pdf	978618 2711fd281ad69953bc7919195e201dd42c6b367	no	6
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**Warnings:****Information:**

4	NPL Documents	P16330X_Guillaud.pdf	492860 133ad221663ccdf9957cfaabb74c74aae09e6566	no	4
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**Warnings:****Information:**

5	NPL Documents	P16330X_Lihua.pdf	644650 308ff94e655afef0d5a2111b98c7387ed0592	no	5
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**Warnings:****Information:**

6	NPL Documents	P16330X_Shao.pdf	700964 3a016af9c064e6a9a2053c2f2b31c0a4f8307e87d	no	5
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**Warnings:****Information:**

7	Fee Worksheet (PTO-06)	fee-info.pdf	8209 75d94c14f7714771cafb5d479b1476a166e0909	no	2
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Total Files Size (in bytes):	4681600
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.